

Figure 1

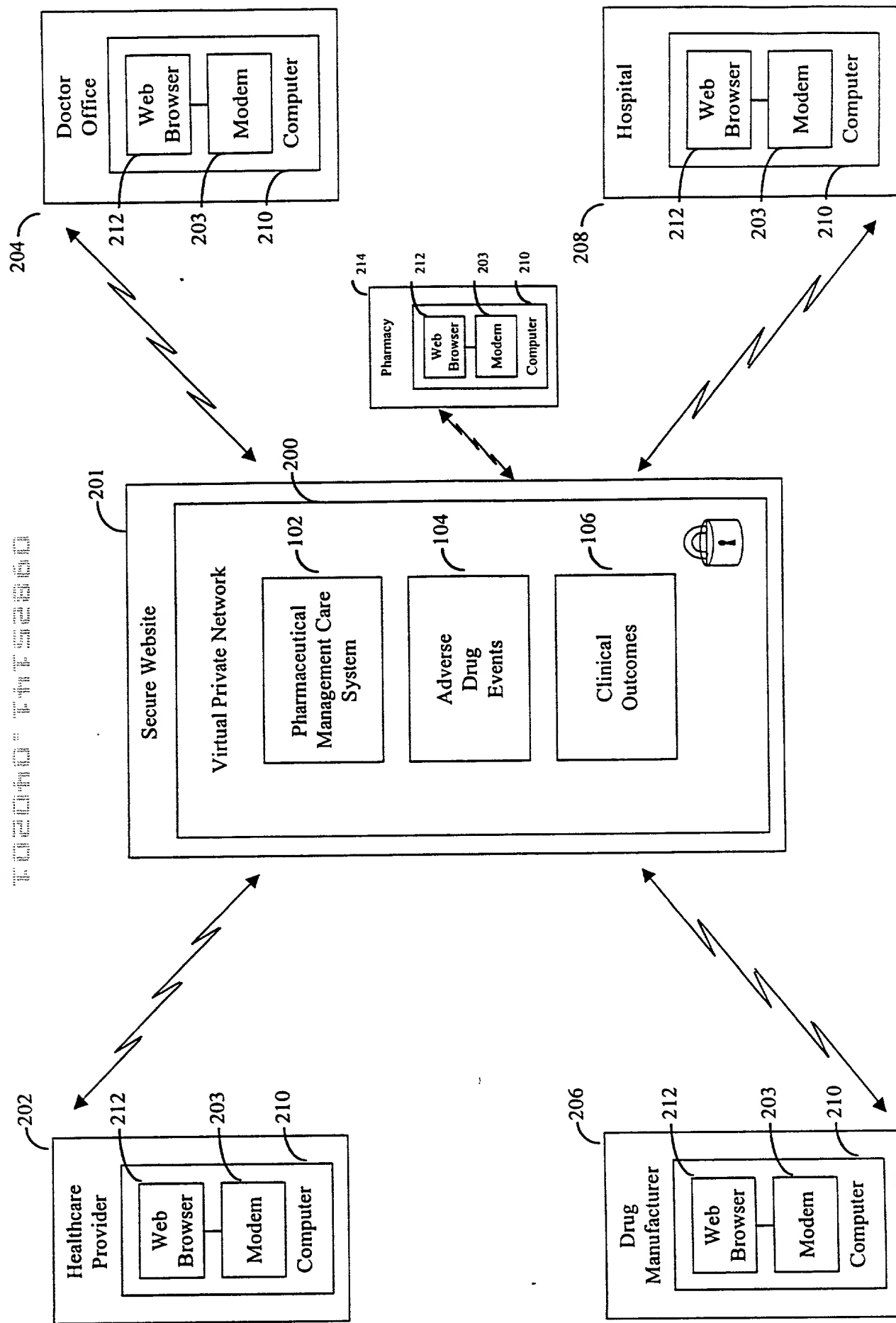
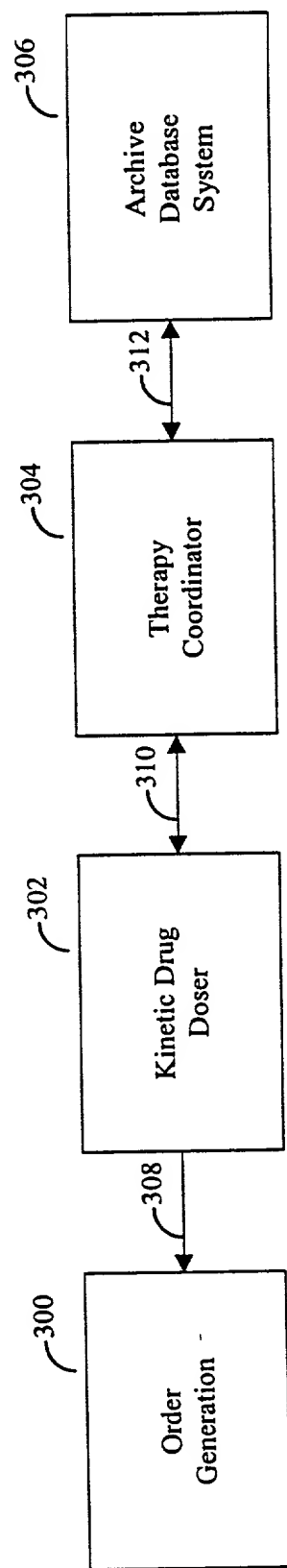


Figure 2

102

Pharmaceutical Management Care System



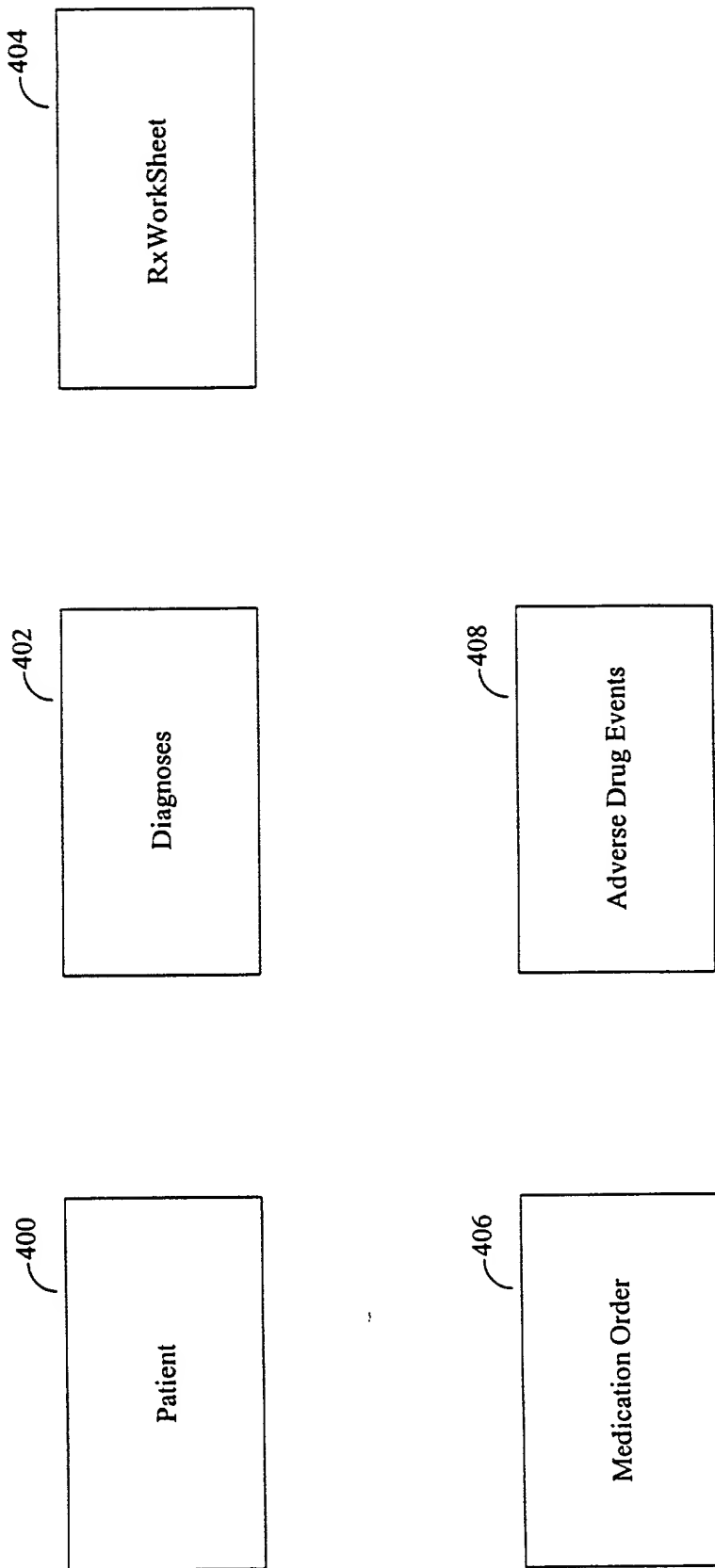


Figure 4

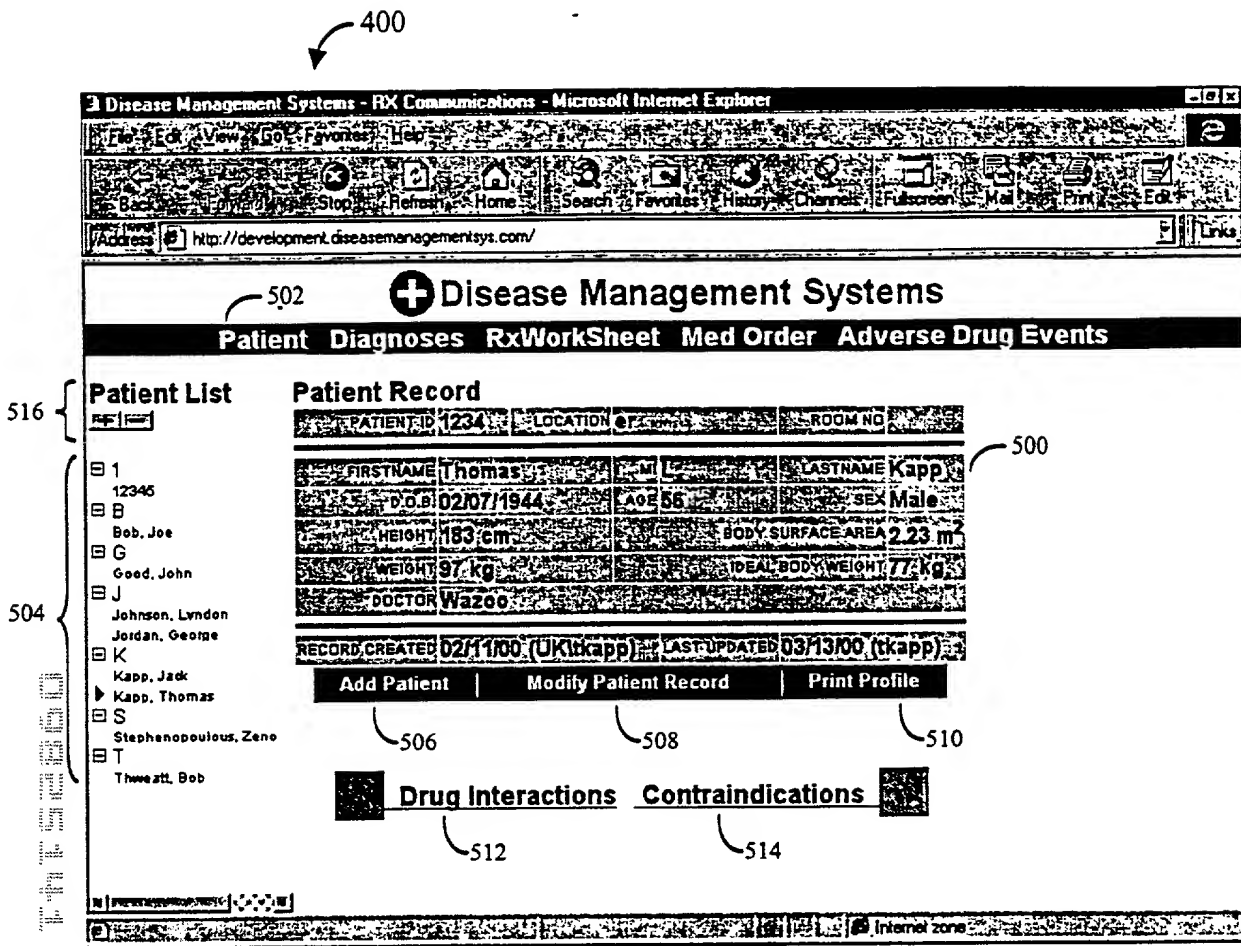
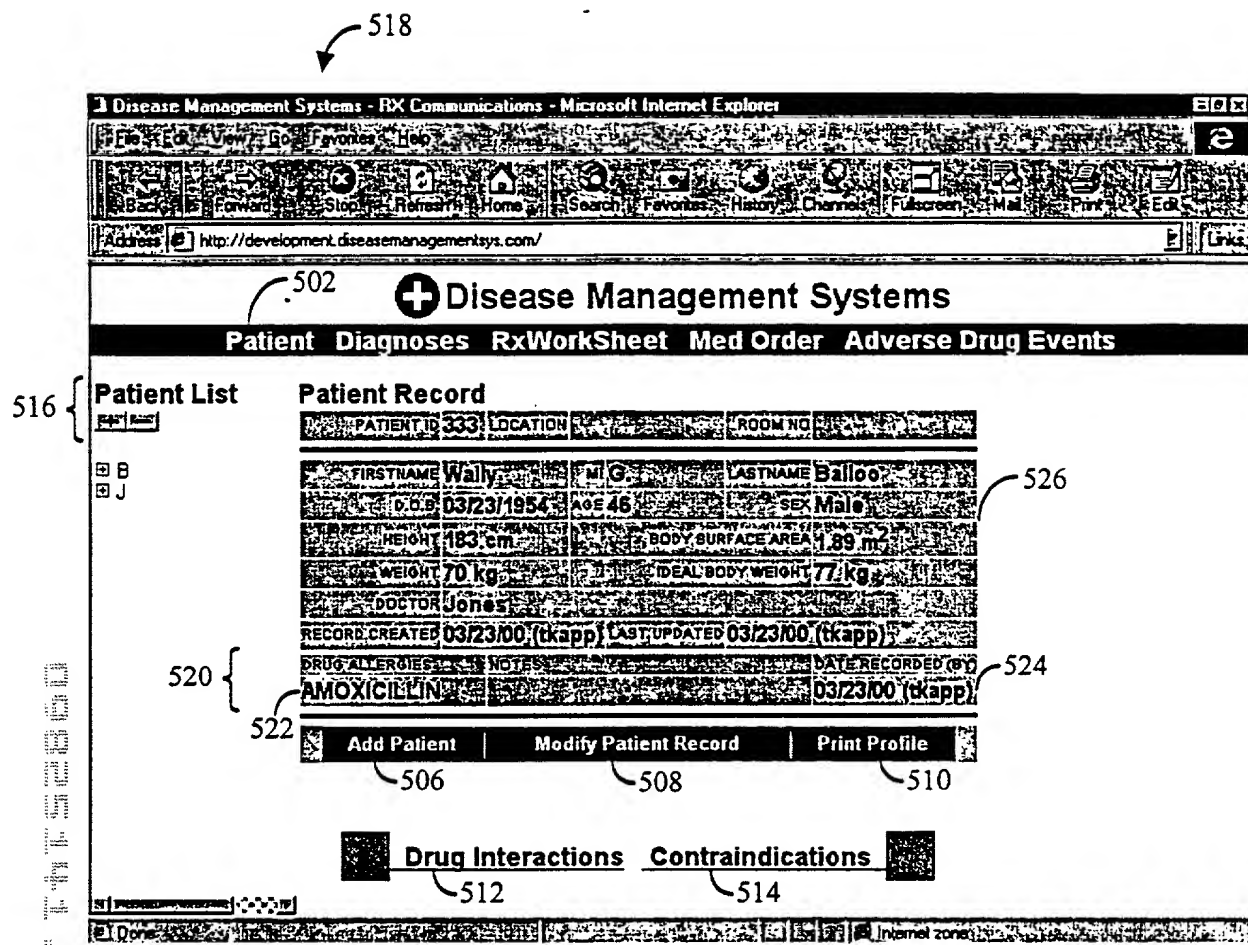


Figure 5A



**Figure 5B**

606

Disease Management Systems - RX Communications - Microsoft Internet Explorer

Address http://development.diseasemanagementsys.com/

## + Disease Management Systems

**Patient Diagnoses RxWorkSheet Med Order Adverse Drug Events**

### Patient List

- ☐ B
- ☒ Balloo, Wally
- ☐ J
- Jones, Robert

### Modify Patient Record

PATIENT ID	0333	LOCATION		ROOM NO	
FIRST	Wally	MI	G.	LAST	Balloo
D.O.B	03/23/1954	SEX	Male	AGE	46
HEIGHT	183	IN	CM	IDEAL BODY WEIGHT	77
WEIGHT	70	LB	KG	DOCTOR	Jones

Save Changes
Cancel Changes
Record Drug Allergy

604

Figure 6

608

Disease Management Systems - RX Communications - Microsoft Internet Explorer

File Edit View Go Favorites Help

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit

Address http://development.diseasemanagementsys.com/ Links

**+ Disease Management Systems**

**Patient Diagnoses RxWorkSheet Med Order Adverse Drug Events**

**Find Allergy Profile**  
ENTER TEXT TO SEARCH.

**Search** 610

**Drug Allergy Pick List** CLICK TO SELECT.

ID:333 NAME: Bailoo, Wally G. CURRENT SEARCH: amox

AMOXAPINE
AMOXICILLIN
AMOXICILAN
AMOXICILLIN SODIUM
AMOXICILLIN TRIHYDRATE
AMOXUS
FRAMOXINE
FRAMOXINE HCl
SULFAMOXOLE
TAMOXIDEN
TAMOXIDEN CITRATE
TAMOXIFEN CITRATE

Internet zone 2011/11/18 14:20:26

Figure 7



600a

**Patient Profile - Disease Management Systems - Microsoft Internet Explorer**

File Edit View Go Favorites Help

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen

Address <http://development.diseasemanagementsys.com/patient/profile.cfm> Links

---

**Patient Profile**

---

NAME: <b>Thomas L Kapp</b>	SEX: <b>Male</b>	AGE: <b>56</b>
ID: <b>1234</b>	LOCATION: <b>south wing</b>	ROOM: <b>234s</b>
ATTENDING DR: <b>Wazoo</b>		
RECORD CREATED: <b>02/11/00</b>	LAST UPDATED: <b>03/14/00</b>	

---

CURRENT MEDICAL CONDITIONS	(COUNT: 2)	DATE ADDED	OPERATOR ID
ANGINA PECTORIS, CHRONIC		03/14/00	tkapp
DIABETES MELLITUS		03/13/00	tkapp

---

CURRENT MEDICATIONS - INGREDIENTS	(COUNT: 3)	DATE ADDED	OPERATOR ID
-----------------------------------	------------	------------	-------------

Done Internet zone

Figure 8

600b

Patient Profile - Disease Management Systems - Microsoft Internet Explorer

Address: http://development.diseasemanagement.sys.com/patient/profile.cfm

DIABETES MELLITUS		03/13/00	tkapp
<i>CURRENT MEDICATIONS - INGREDIENTS</i>		<i>(COUNT: 3)</i>	<i>DATE ADDED</i>
<i>OPERATOR ID</i>			
NORVASC 10MG TABLET		03/14/00	tkapp
getmed.advisory			
XANAX 2MG TABLET		03/13/00	tkapp
getmed.advisory			
LASIX 10MG/ML SOLUTION		03/14/00	tkapp
2000-03-24 00:00:00		tkapp	
getmed.advisory			
<i>CONTRAINDICATION WARNINGS</i>		<i>(COUNT: 0)</i>	
<i>DRUG INTERACTION WARNINGS</i>		<i>(COUNT: 0)</i>	

Done Internet zone

Figure 9

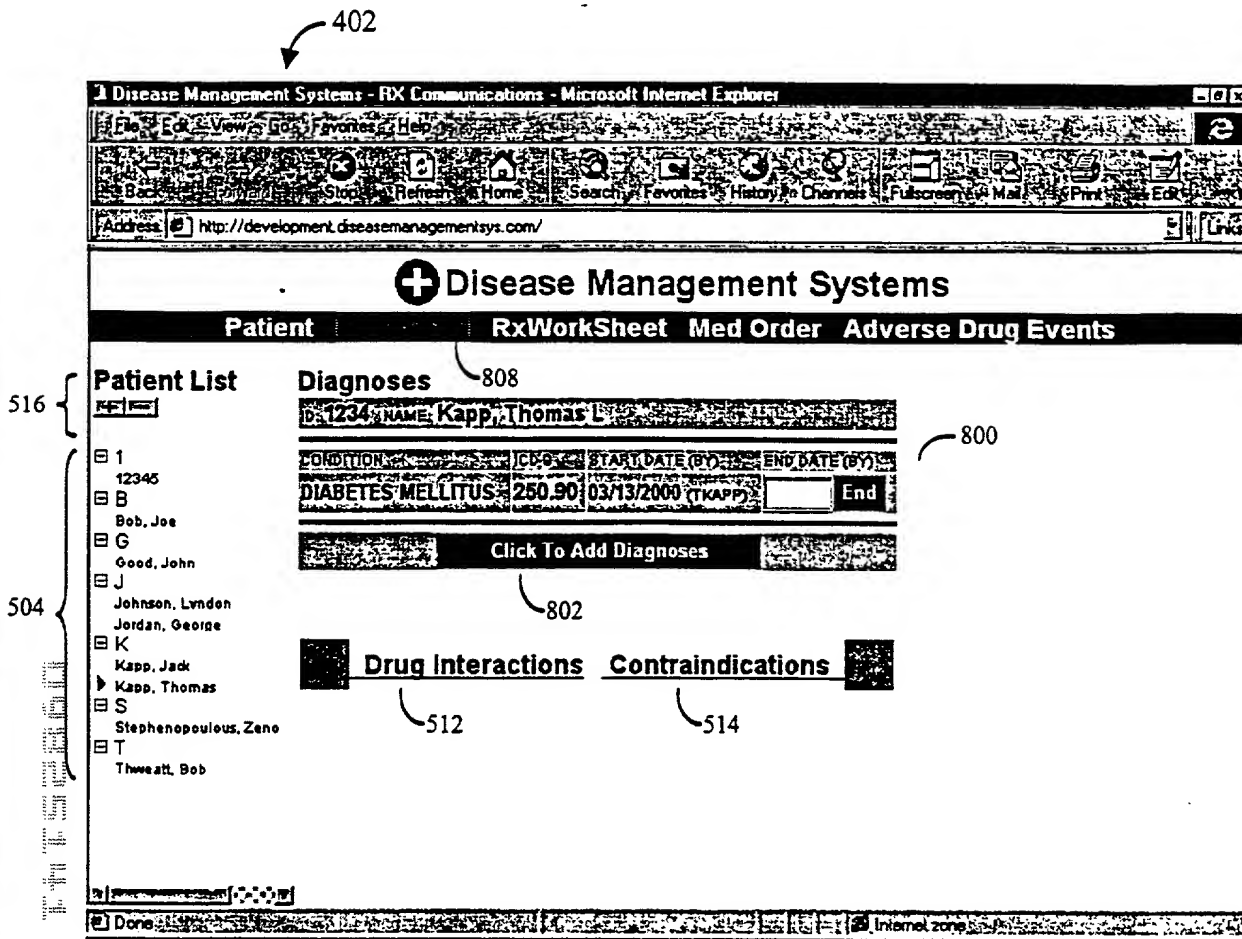


Figure 10

804

810

806

Disease Management Systems - RX Communications - Microsoft Internet Explorer

File Edit View Go Favorites Help

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Address http://development.diseasemanagementsys.com/ Links

**Disease Management Systems**

Patient Diagnoses RxWorkSheet Med Order Adverse Drug Events

**Sort Diagnoses**

Enter text to search

**Search**

**Add Diagnoses**

CLICK ON CONDITION TO ADD

6.333 NAME: Balloo, Wally G. CURRENT SEARCH:

**ICD9 Diagnoses**

789.20	ABDOMINAL ACTINOMYCOSIS
6039.2	ABDOMINAL ACTINOMYCOSIS
6039.3	ABDOMINAL ACTINOMYCOSIS
5169.4	ABDOMINAL HYSTERECTOMY
6068.4	ABDOMINAL HYSTERECTOMY SURGICAL PROPHYLAXIS
789.00	ABDOMINAL PAIN CRAMPS
789.30	ABDOMINAL SWELLING
789.67	ABDOMINAL TENDERNESS GENERALIZED
789.61	ABDOMINAL TENDERNESS UPPER RIGHT QUADRANT
798.4	ABNORMAL CLINICAL FINDINGS
790.2	ABNORMAL OFUCOSE TOLERANCE TEST
785.0	ABNORMAL PAPANICOLAOU SMEAR OF CERVIX
785.0	NONSPECIFIC VAGINITIS
786.4	ABNORMAL UREASE BREATH TEST
626.8	ABNORMAL UTERINE BLEEDING SECONDARY TO HORMONAL
626.8	IMPAIRED UTERINE BLEEDING SECONDARY TO HORMONAL

http://development.diseasemanagementsys.com/diagnoses/ Internet zone

Figure 11

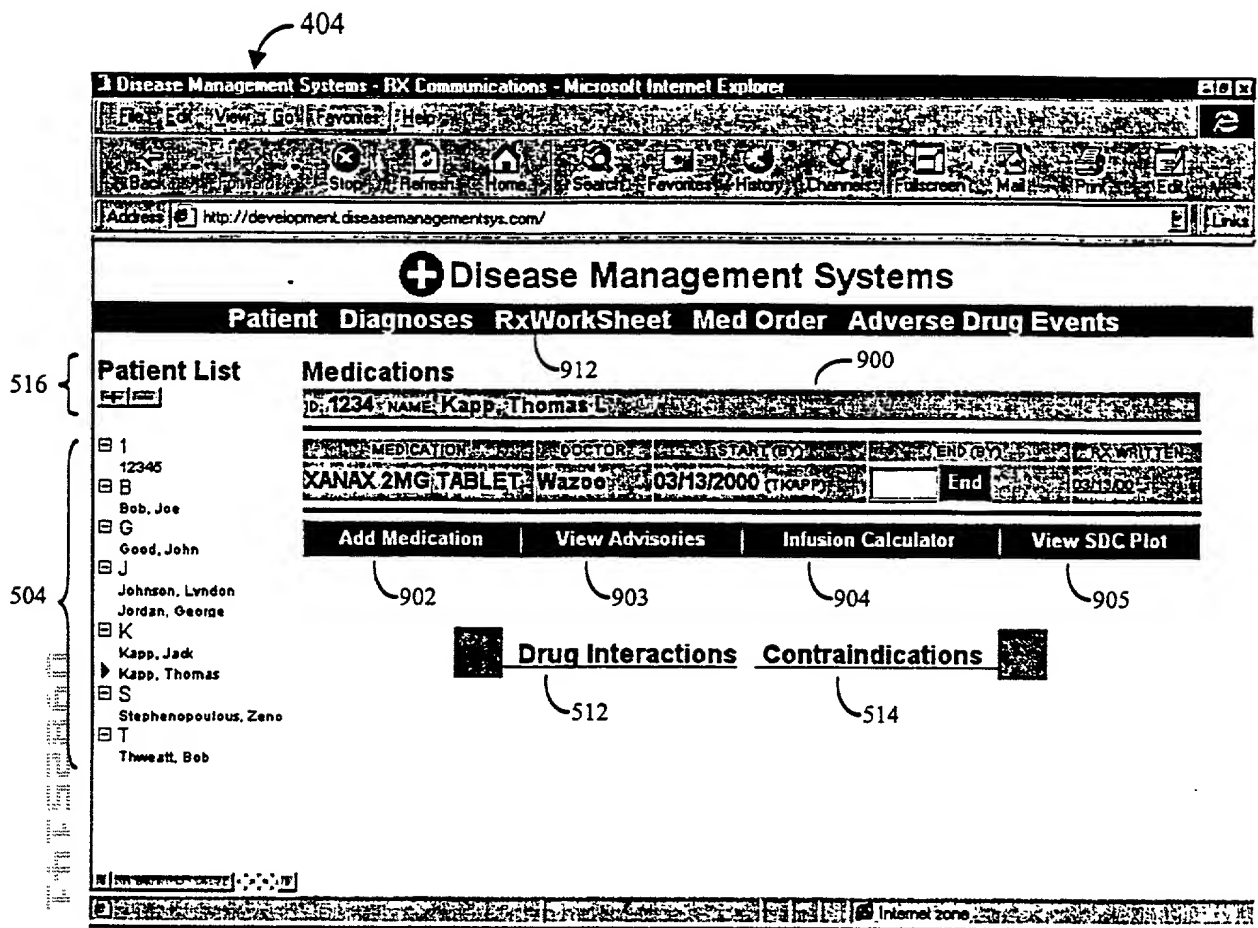


Figure 12

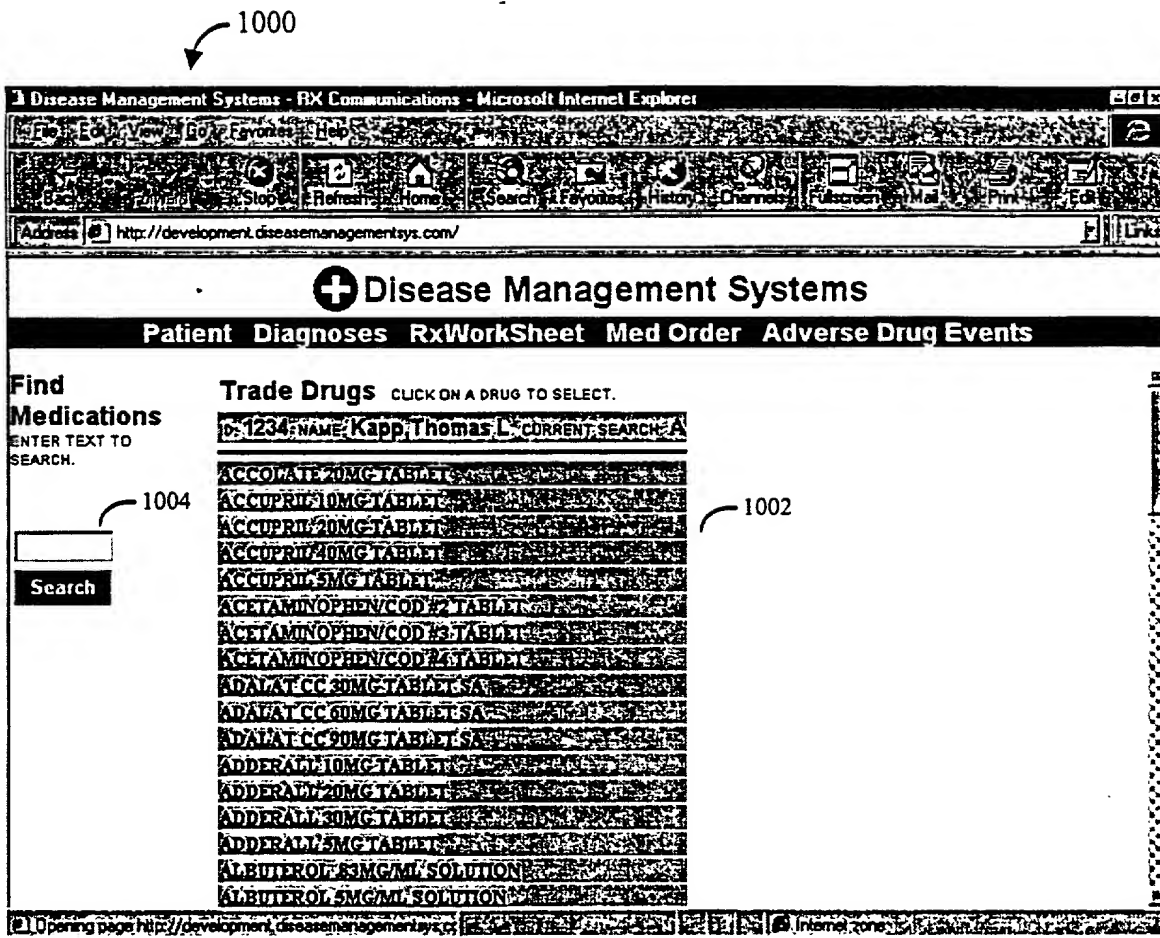


Figure 13

Disease Management Systems - RX Communications - Microsoft Internet Explorer

Address: http://development.diseasemanagementsys.com/

## + Disease Management Systems

Patient Diagnoses RxWorkSheet Med Order Adverse Drug Events

Patient List	Medication Advisories
333 NAME: Ballo, Wally G.	
908	<b>ACETAMINOPHEN/COD-4 TABLET</b> <ul style="list-style-type: none"> <li>• SEEK IMMEDIATE HELP IF OVERDOSE IS SUSPECTED</li> <li>• USE EXACTLY AS DIRECTED BY DOCTOR</li> <li>• MAY CAUSE DROWSINESS; CAUTION OPERATING MACHINERY OR DRIVING</li> <li>• CHECK WITH DOCTOR BEFORE INCREASING DOSE</li> <li>• MAY BE HABIT FORMING</li> <li>• AVOID OTHER CNS DEPRESSANTS</li> <li>• REDUCE OR AVOID ALCOHOL CONSUMPTION</li> <li>• DO NOT USE MORE OFTEN THAN RECOMMENDED BY DOCTOR</li> </ul>
910	<b>AMOXICILLIN 125MG/5ML SUSP</b> <ul style="list-style-type: none"> <li>• MUST COMPLETE FULL COURSE OF THERAPY</li> <li>• SPACE DOSES EVENLY</li> <li>• FALSE POSITIVES WITH CUSO4 URINE GLUCOSE TEST</li> <li>• DO NOT USE IF ALLERGIC TO PENICILLINS</li> <li>• MAY REDUCE EFFECTIVENESS OF ORAL BC'S</li> <li>• CALL DOCTOR IF SEVERE DIARRHEA OCCURS</li> </ul>

Done

Figure 14

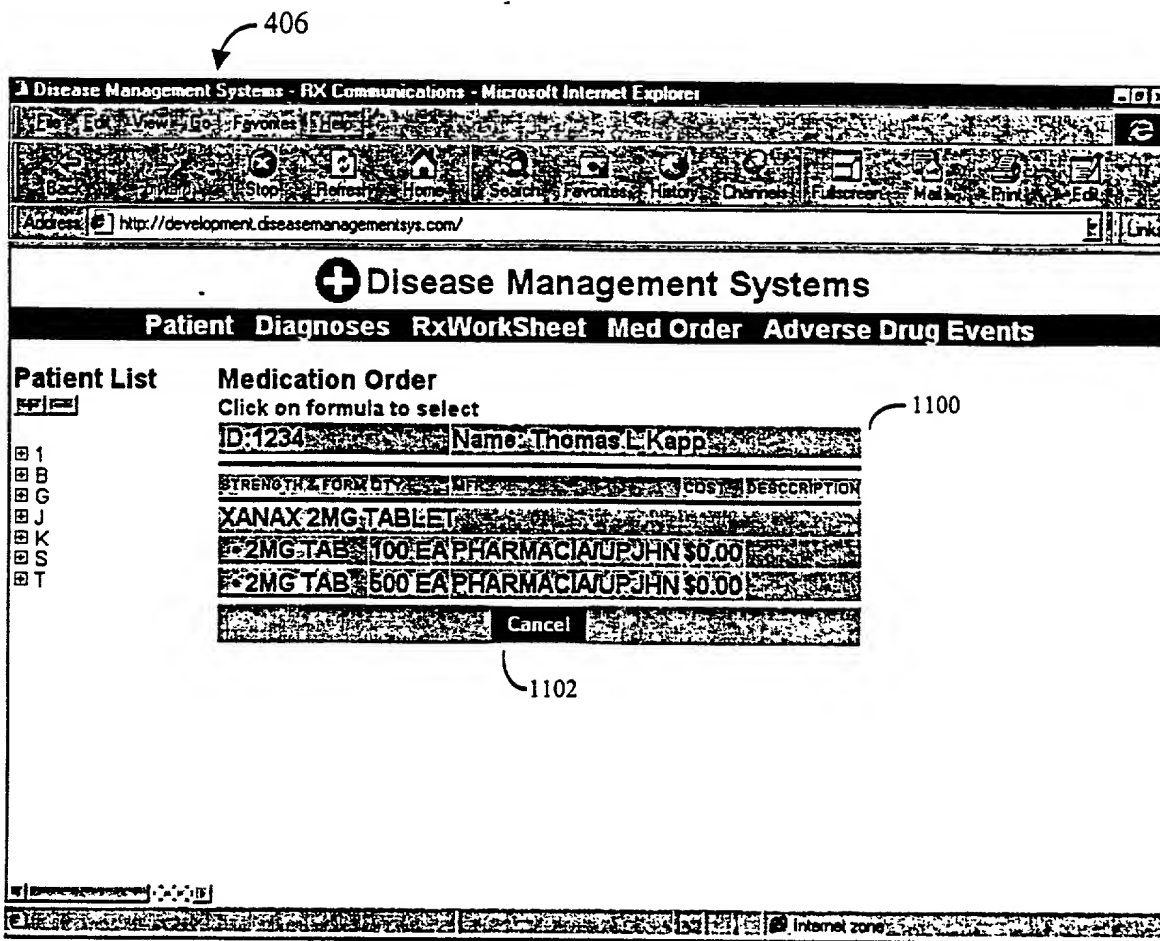


Figure 15



1108

Disease Management Systems - RX Communications - Microsoft Internet Explorer

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Address http://development.diseasemanagementsys.com/ Links

## + Disease Management Systems

Patient Diagnoses RxWorkSheet Med Order Adverse Drug Events

### Medication Order

1104 {

ID: 333 NAME: Wally Balloo

PRESCRIBING DOCTOR: Jones

DRUG: 00093035001 - ACETAMINOPHEN/COD #4 TABLET

STRENGTH: 60-300MG TAB QUANTITY: 100 EA (TAB)

DIRECTION:

1110 {

Save Order Cancel

### Short Hand Notations

1106 {

...	And	gr	Grain	pm	Afternoon, evening
ac	Before meals	gtt	A drop	po	By mouth
ad	Right ear	OU		prn	When necessary
Ad	To, up to	h	An hour	poly	A powder

Internet zone

Figure 16

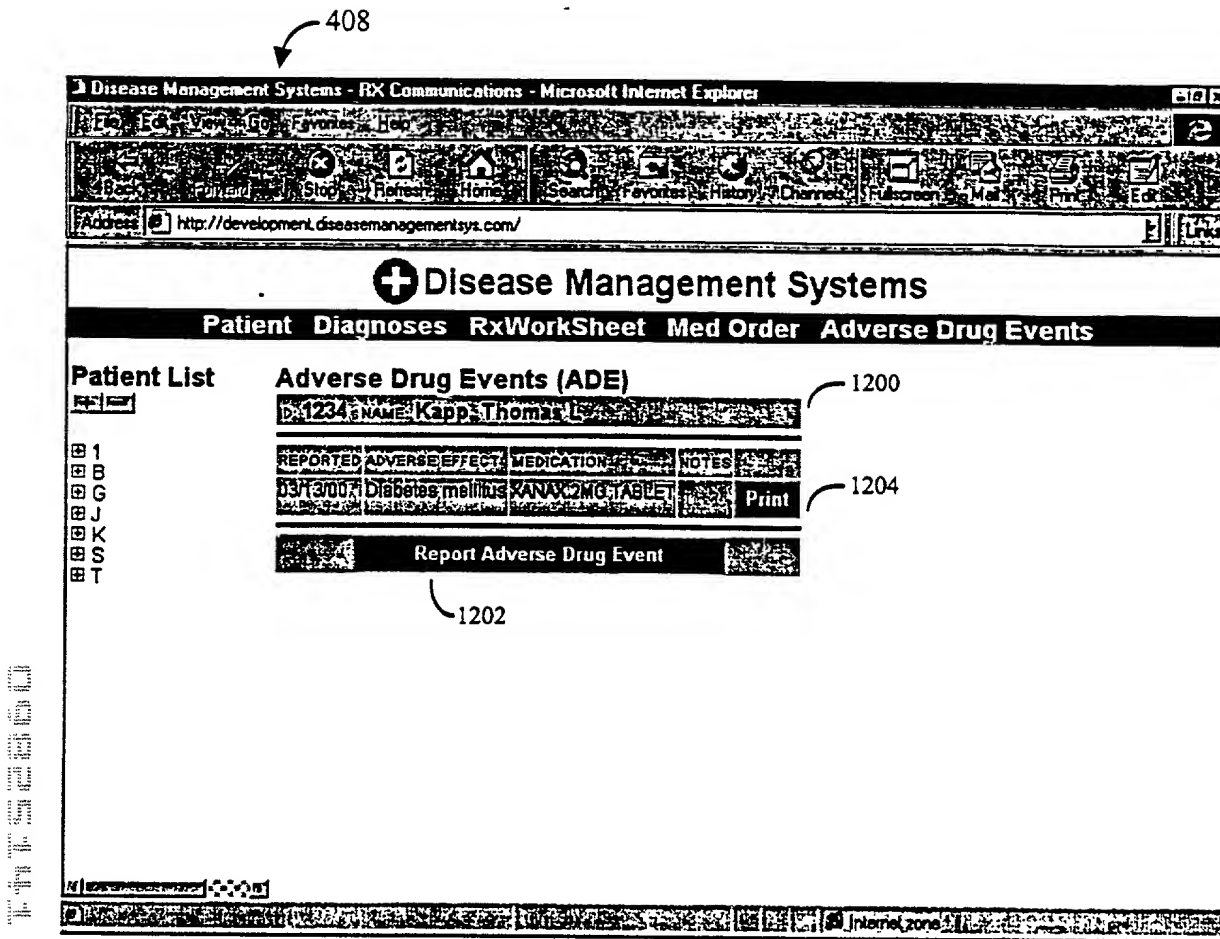


Figure 17

Downloaded from www.foia.gov

1300

Disease Management Systems - RX Communications - Microsoft Internet Explorer

http://development.diseasemanagementsys.com/

**+ Disease Management Systems**

Patient Diagnoses RxWorkSheet Med Order Adverse Drug Events

**Adverse Drug Event (ADE) Report:**

1234 NAME: Kapp, Thomas L

MEDICATIONS INVOLVED		DISEASES INVOLVED	
1E24	XANAX 2MG TABLET	1E26	DIABETES MELLITUS
HOLD DOWN CTRL TO SELECT MULTIPLE		HOLD DOWN CTRL TO SELECT MULTIPLE	

DATE ADE REPORTED: 03/13/00 DURATION OF ADE (UNKNOWN) DAYS

1302

1318

SELECT ADE CHECK ONE		
<input type="radio"/> CARDIOVASCULAR	<input type="radio"/> HEMATOLOGIC	<input type="radio"/> MISCELLANEOUS
<input type="radio"/> CENTRAL NERVOUS SYSTEM	<input type="radio"/> HYPERSENSITIVITY	<input type="radio"/> RESPIRATORY
<input type="radio"/> DERMATOLOGIC	<input type="radio"/> KIDNEY/RENAL	<input type="radio"/> SPECIAL SENSES
<input type="radio"/> GASTROINTESTINAL	<input type="radio"/> METABOLIC	<input type="radio"/> MUSCULOSKELETAL

1304 1306

Continue Cancel Report

Figure 18

1308

Disease Management Systems - RX Communications - Microsoft Internet Explorer

Address: http://development.diseasemanagementsys.com/

## + Disease Management Systems

Patient Diagnoses RxWorkSheet Med Order Adverse Drug Events

1310

1312

1314

1316

☐ HYPOTENSION  
☐ HYPERTENSION  
☐ CARDIAC ARRHYTHMIAS

☐ PERIPHERAL EDEMA  
☐ FLUID RETENTION  
☐ CHEST PAIN/ANGINA

☐ VASODILATION  
☐ PERIPHERAL VASCULAR DISEASE

IF ADE IS NOT NOTED ABOVE, PLEASE DESCRIBE:

SEVERITY	LIKELIHOOD THAT THE ADE IS DUE TO THE MEDICATION
<input checked="" type="radio"/> MILD	<input checked="" type="radio"/> HIGHLY LIKELY
<input type="radio"/> MODERATE	<input type="radio"/> PROBABLY
<input type="radio"/> SEVERE	<input type="radio"/> NOT LIKELY
<input type="radio"/> FATAL	

OUTCOME	ACTION TAKEN
<input checked="" type="radio"/> FULLY RECOVERED	<input checked="" type="radio"/> DRUG CONTINUED
<input type="radio"/> SOME RESIDUAL SEQUELAE	<input type="radio"/> DRUG DOSAGE ALTERED
<input type="radio"/> PERMANENT SEQUELAE	<input type="radio"/> DRUG DISCONTINUED

1320

1322

Figure 19



Warning! - Contraindications & Drug Interactions - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address <http://development.diseasemanagementsys.com/contraindications.cfm> Go Links

Patient: 98765 - Jones, Robert  
Geriatric Patient: (Age: 68 years)

Start Setup ---- Allergy Section Direct Match Allergen specific Allergy Cross No Allergy Found Direct Match Allergen specific Allergy Cross No Allergy Found Direct Match Allergen specific Allergy Cross No Allergy Found **DRUG**

**INTERACTIONS**

- Drug Interaction: ERY-TAB 500MG TABLET EC / LANOXIN 125MCG TABLET  
MONOGRAPH TITLE: Digoxin, Oral/Macrolide Antibiotics  
SEVERITY LEVEL: 3-Moderate Interaction: Assess the risk to the patient and take action as needed.  
MECHANISM OF ACTION: Erythromycin may alter the bacterial flora in the GI tract, increasing the bioavailability of digoxin.  
CLINICAL EFFECTS: Digoxin serum levels may be elevated, producing increased therapeutic and adverse effects. A two fold increase in steady state digoxin level has been shown. (1) At least one case report has been documented of the erythromycin-digoxin interaction with toxicity evidenced by slow atrial fibrillation, right bundle branch block, and ventricular bigeminy. (2) The effects of erythromycin on the GI flora may persist for several months.  
PREDISPOSING FACTORS: None determined.  
PATIENT MANAGEMENT: Monitor digoxin serum levels during concurrent erythromycin therapy and adjust the dose as needed.

Done Internet

